

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

JANUARY 8, 2013

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] 8/21/13
City Engineer Date

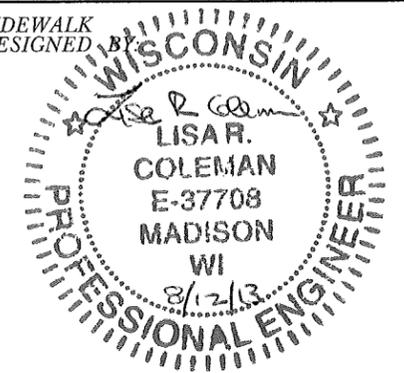
INDEX OF SHEETS

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P1	SOUTH HENRY STREET SIDEWALK PLAN AND PROFILE
P2	WASHINGTON PLACE SANITARY SEWER
UI	ELECTRICAL PLAN
E1	

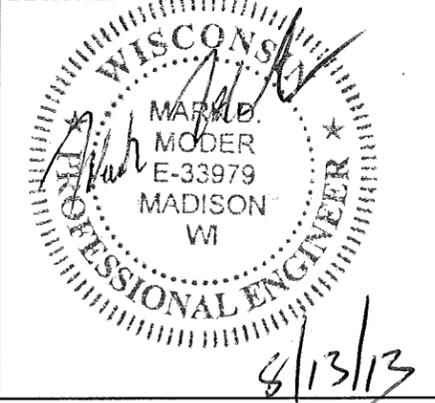
306 W. MAIN STREET PUD

CITY PROJECT NO. 53B2326
CONTRACT NO. 2326

SIDEWALK DESIGNED BY:



SANITARY SEWER DESIGNED BY:



WATER DESIGNED BY:

laterals only

ELECTRICAL DESIGNED BY:



CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊕
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	

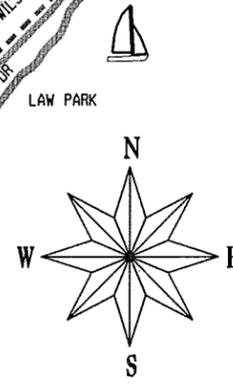
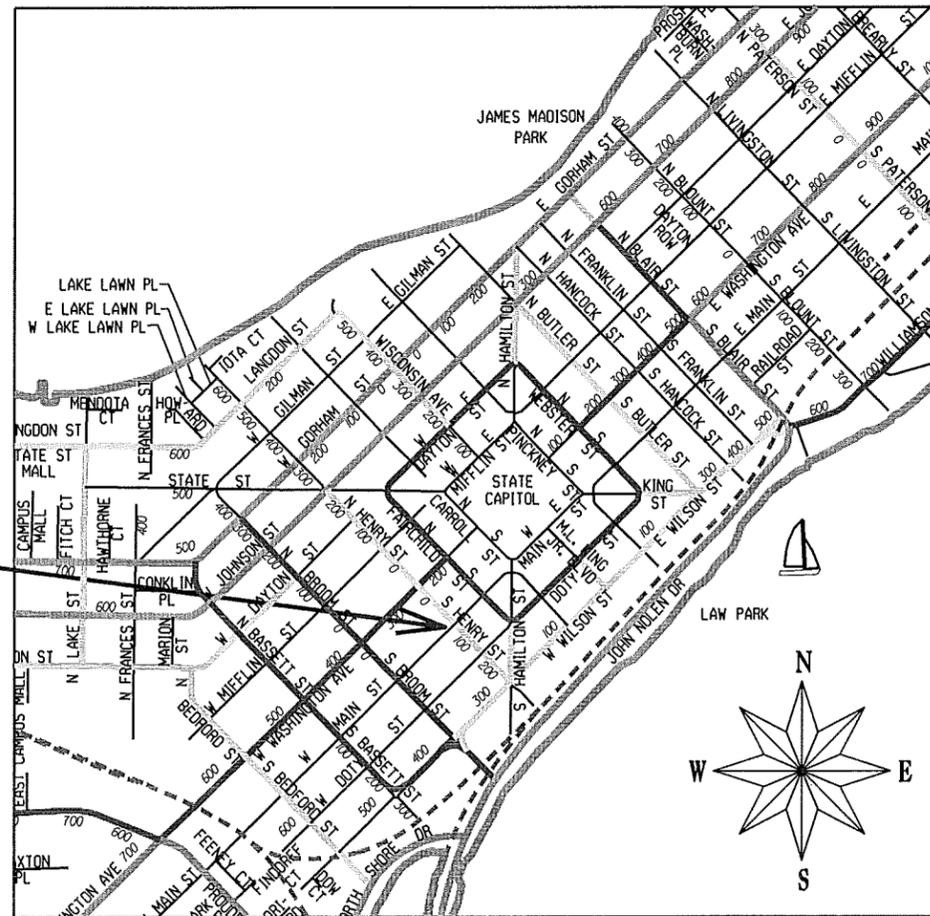
CONSTRUCTION PROJECT LOCATION

NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%.

SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.



PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON - STREETS DIVISION

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

THE DEVELOPER/CONTRACTOR SHALL CONTACT CITY FORESTRY (DEAN KAHL 266-4891 OR 266-4816) PRIOR TO EXCAVATING WITHIN 5 FT. OF AN EXISTING TREE SO THAT THEY MAY PROVIDE DIRECTION ON THE WORK. THE DEVELOPER/CONTRACTOR SHALL ALSO CONTACT CITY FORESTRY AT LEAST ONE WEEK PRIOR TO ANY TREE REMOVALS OR PRUNING TO OBTAIN A PERMIT FOR TREE REMOVAL OR PRUNING WITHIN THE RIGHT-OF-WAY.

CONTRACTOR SHALL REPLACE TREES WITH REPLACEMENT SPECIES AS NOTED ON THE PLANS WITHIN THE TERRACES. ALL REPLACEMENT TREES SHALL BE AT LEAST 2.5" CALIPER B&B PLANTING STOCK. CONTRACTOR SHALL CONTACT DEAN KAHL WITH CITY FORESTRY (266-4891 OR 266-4816) AT LEAST ONE WEEK PRIOR TO PLANTING TO ALLOW FORESTRY TO SCHEDULE INSPECTION AND REVIEW PLANTING SPECIFICATIONS WITH THE LANDSCAPING CONTRACTOR.

THE DEVELOPER/CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO WORK BEGINNING WITHIN THE RIGHT OF WAY. WORK SHALL NOT PROCEED IN THE RIGHT OF WAY UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN APPROVED. THE TRAFFIC CONTROL PLAN MAY INCLUDE BUT IS NOT LIMITED TO: LANE CLOSURE RESTRICTIONS, PEAK HOUR WORKING RESTRICTIONS, ACCESS REQUIREMENTS, ETC. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE FOR PHASING WORK AS NECESSARY TO MEET THE REQUIREMENTS OF THE APPROVED TRAFFIC CONTROL PLAN.

ALL PAVEMENT IN THE HENRY AND MAIN STREET RIGHT OF WAY SHALL BE TYPE B PAVEMENT.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 2%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.

CURB STATION AND OFFSETS SHALL BE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

PLOT SCALE: _____

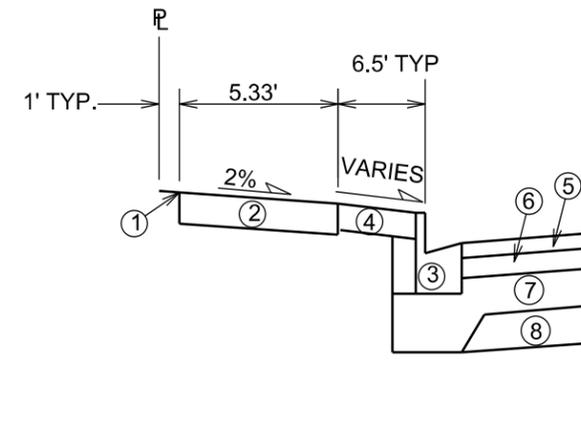
PLOT NAME: _____

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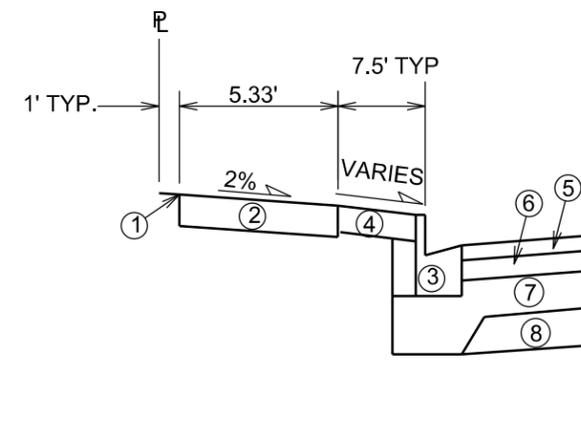
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

- ① REFERENCE LINE AND/OR POINT REFERRED TO ON PROFILE
- ② 5" OR 7" CONCRETE SIDEWALK
- ③ TYPE 'A' CONCRETE CURB & GUTTER
- ④ 4" TOPSOIL, SEED & MAT
- ⑤ 2" UPPER LAYER BIT PVMT, 12.5 mm, TYPE E-1
- ⑥ 2.25" LOWER LAYER BIT PVMT, 12.5 mm, TYPE E-1
- ⑦ GRADATION 2 CRUSHED AGG BASE COURSE, 4" TYP.
- ⑧ GRADATION 1 CRUSHED AGG BASE COURSE, 6" TYP

TYPICAL FINISHED SECTION
WEST MAIN STREET
NTS



TYPICAL FINISHED SECTION
SOUTH HENRY STREET
NTS



PLOT SCALE: _____

PLOT NAME: _____

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

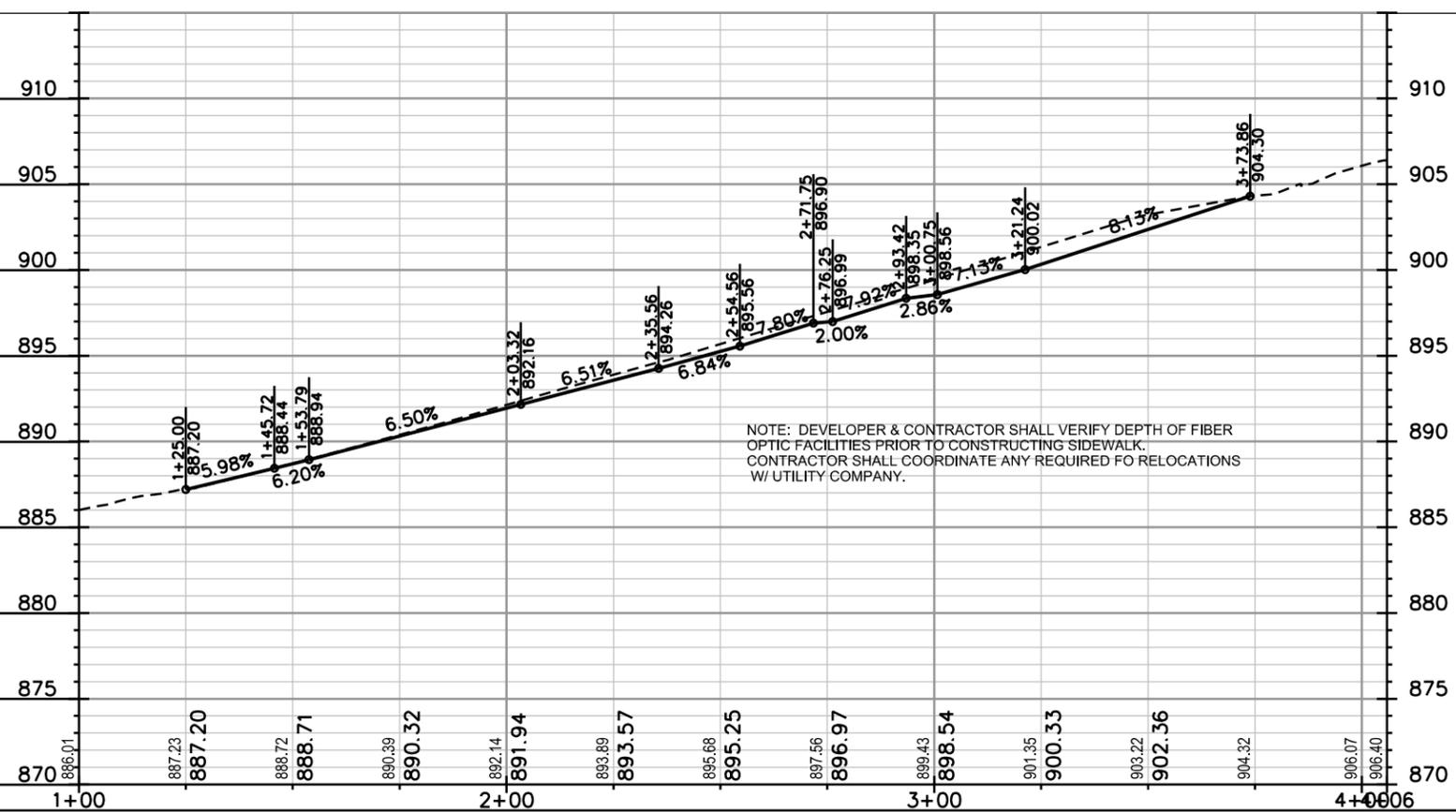
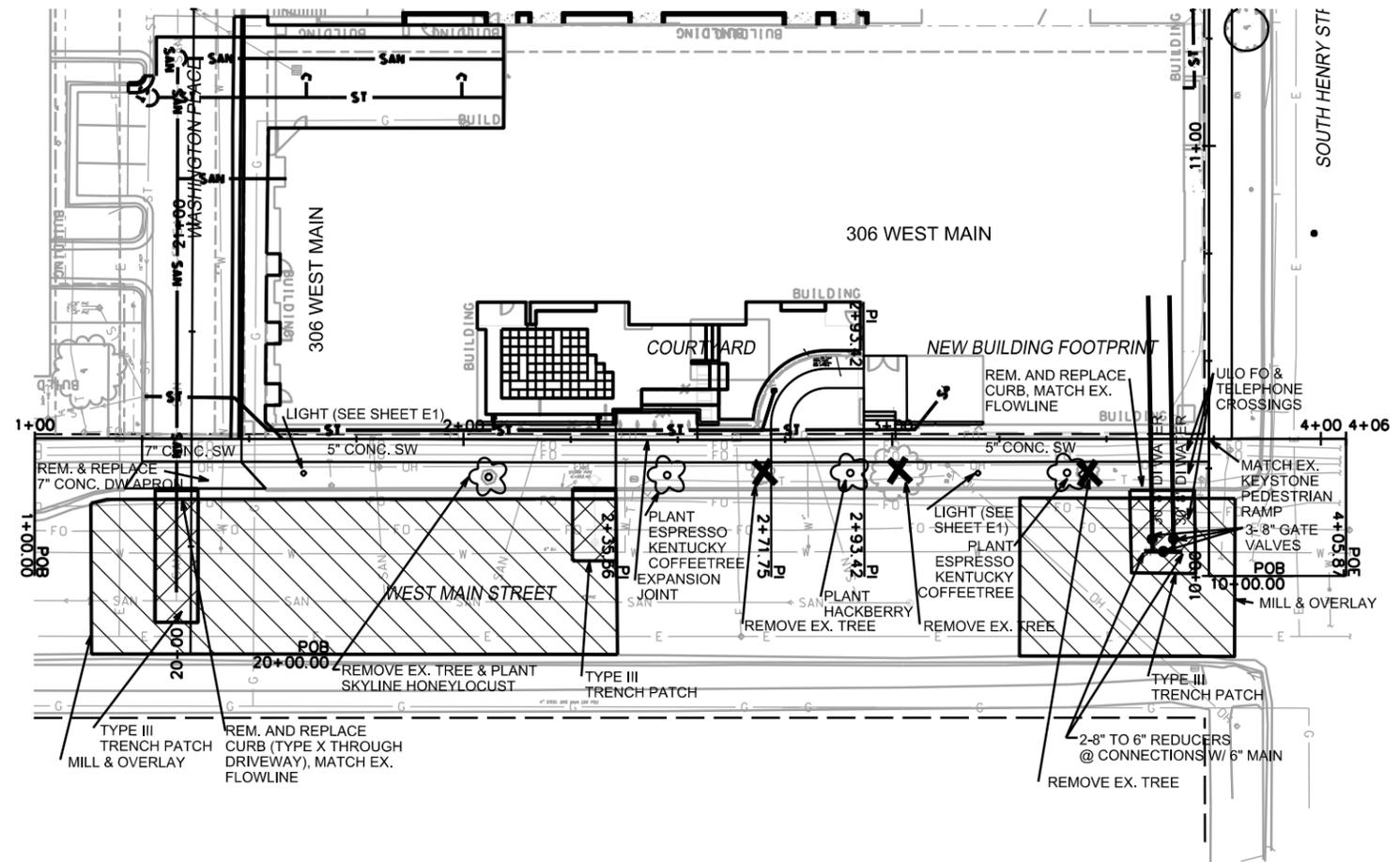
PLAN AND PROFILE
SIDEWALK
WEST MAIN ST. CITY OF MADISON

TREE PROTECTION AND PLANTING NOTES:

1) CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING IN THE AREA BETWEEN THE CURB AND SIDEWALK, AND AT LEAST 5 FEET FROM THE EDGE OF THE TRUNK ALONG THE LENGTH OF THE TERRACE.

2) CONTRACTOR SHALL CONTACT CITY FORESTRY (DEAN KAHL 266-4891) IF ANY EXCAVATION IS NECESSARY WITHIN 5 FEET OF THE EDGE OF THE TRUNK, PRIOR TO EXCAVATION.

3) CONTRACTOR SHALL CONTACT CITY FORESTRY AT LEAST ONE WEEK PRIOR TO PLANTING TO MARK THE TREE LOCATIONS, SCHEDULE TREE INSPECTION, AND REVIEW PLANTING SPECIFICATIONS WITH LANDSCAPE CONTRACTOR.



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PLOT NAME: _____

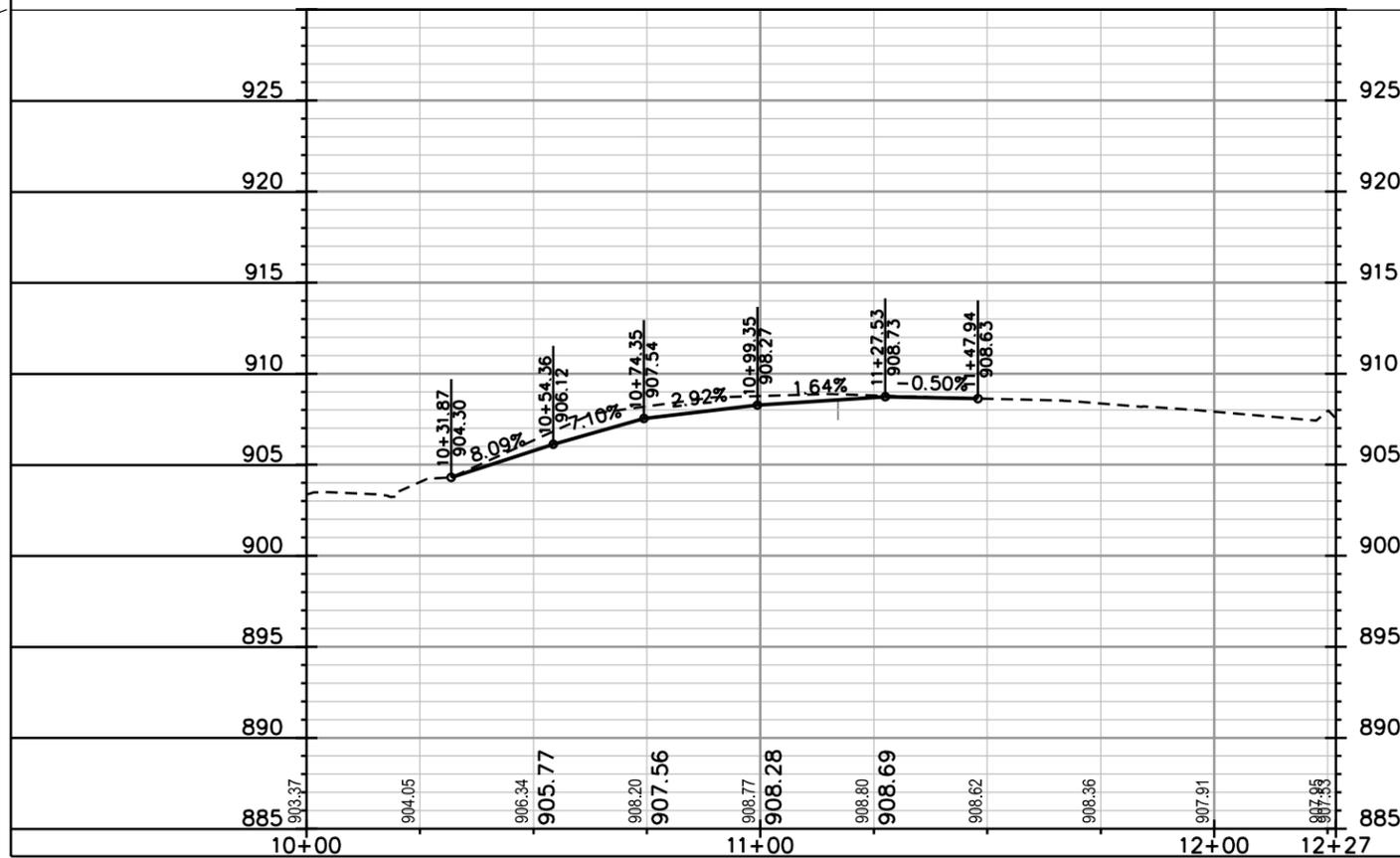
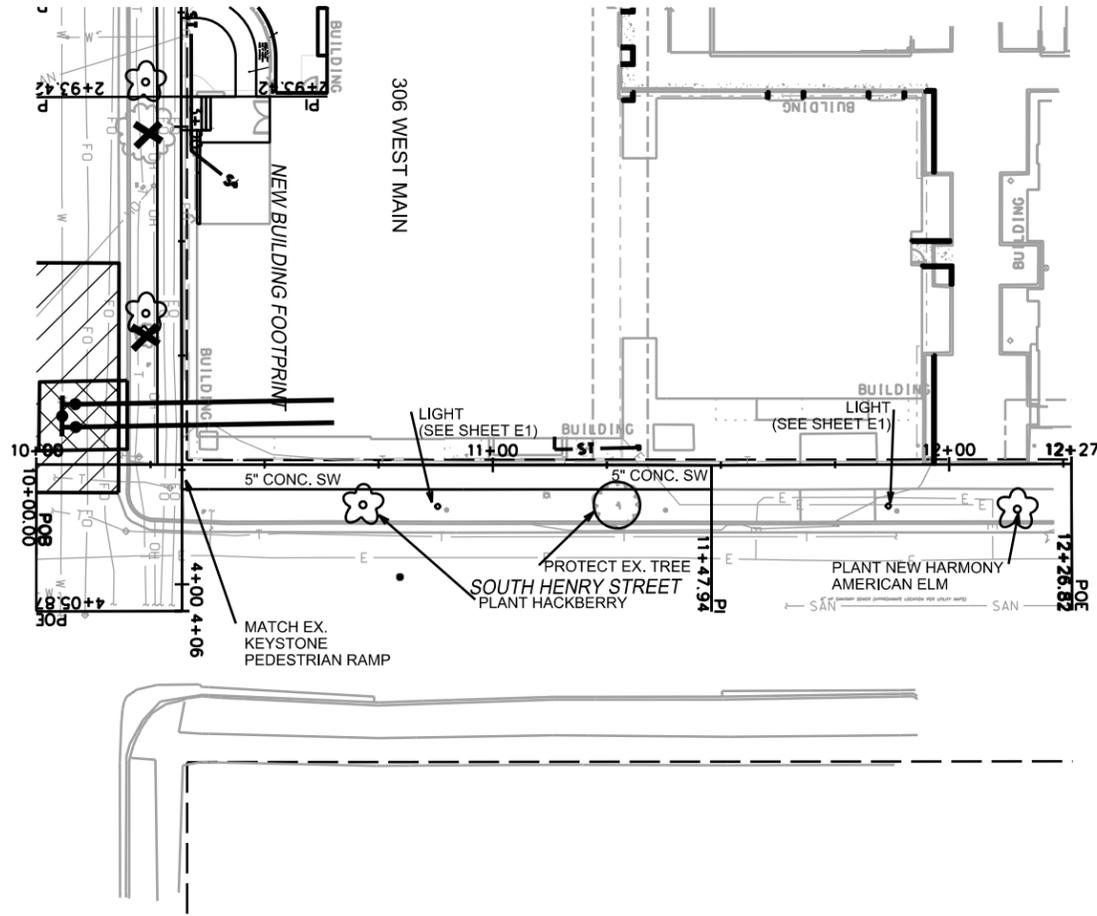
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
SIDEWALK
SOUTH HENRY STREET CITY OF MADISON

TREE PROTECTION AND PLANTING NOTES:

- 1) CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING IN THE AREA BETWEEN THE CURB AND SIDEWALK, AND AT LEAST 5 FEET FROM THE EDGE OF THE TRUNK ALONG THE LENGTH OF THE TERRACE.
- 2) CONTRACTOR SHALL CONTACT CITY FORESTRY (DEAN KAHL 266-4891) IF ANY EXCAVATION IS NECESSARY WITHIN 5 FEET OF THE EDGE OF THE TRUNK, PRIOR TO EXCAVATION.
- 3) CONTRACTOR SHALL CONTACT CITY FORESTRY AT LEAST ONE WEEK PRIOR TO PLANTING TO MARK THE TREE LOCATIONS, SCHEDULE TREE INSPECTION, AND REVIEW PLANTING SPECIFICATIONS WITH LANDSCAPE CONTRACTOR.



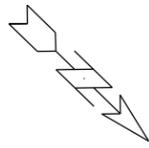
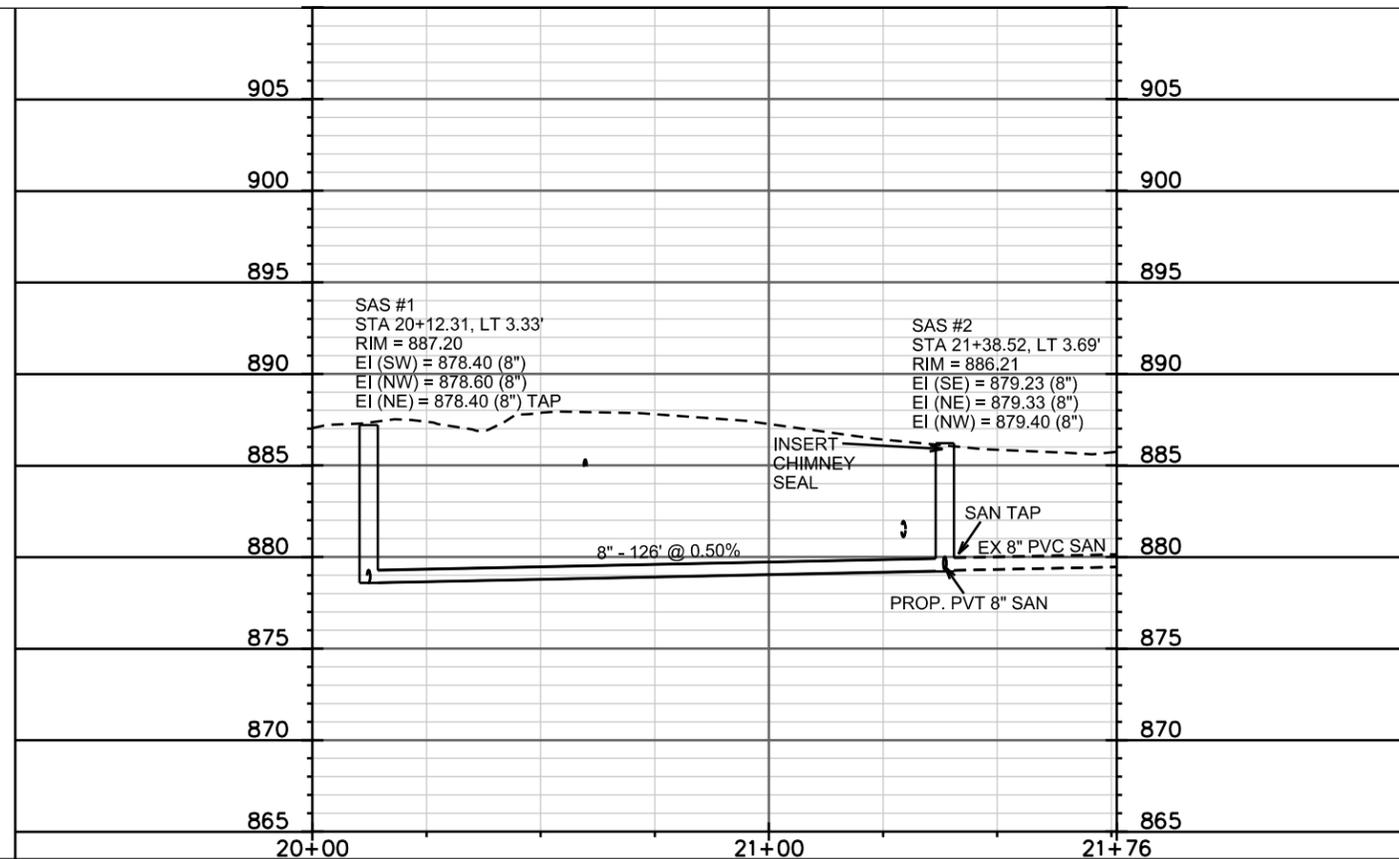
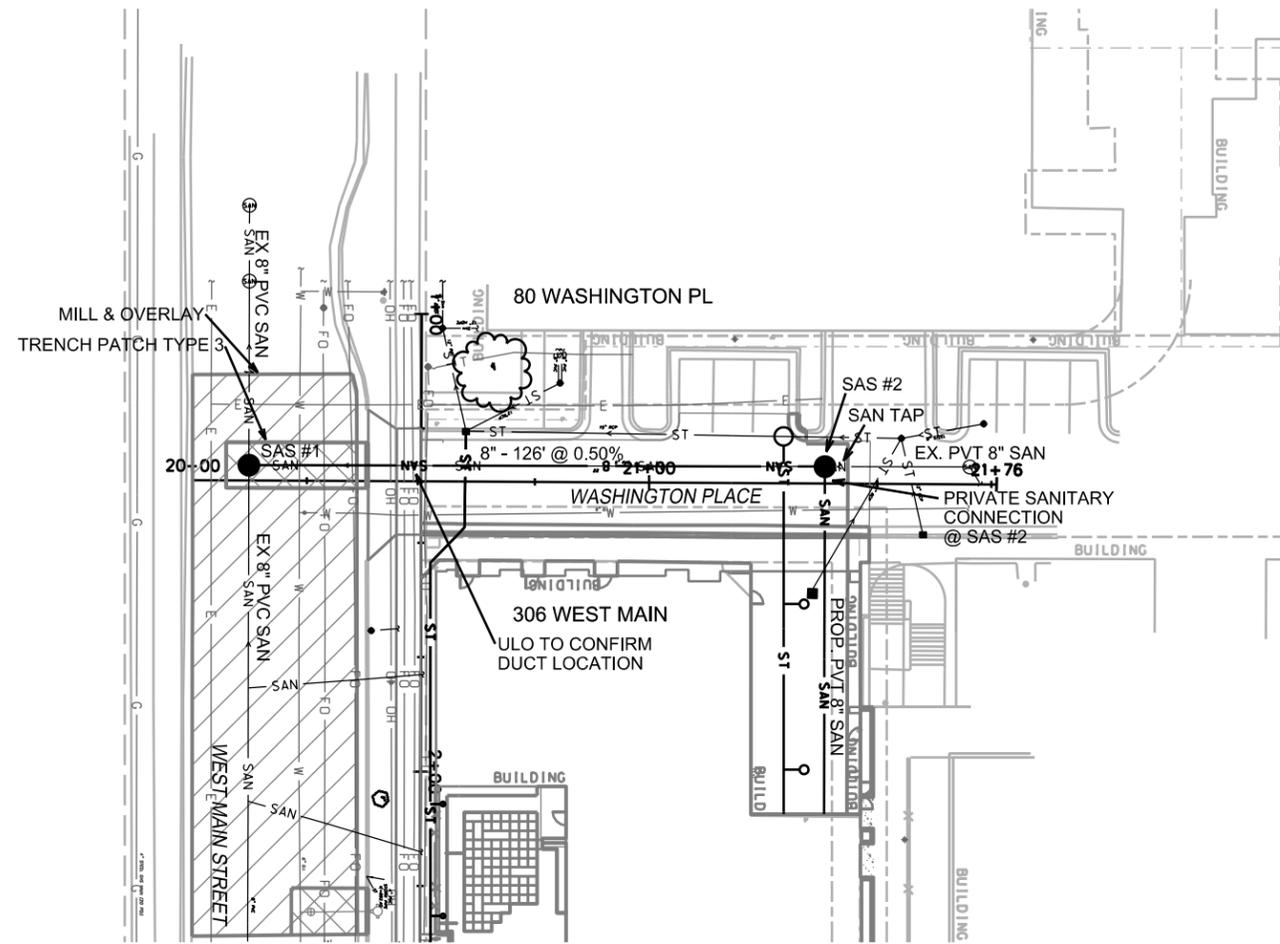
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
SANITARY SEWER
WASHINGTON PLACE
CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

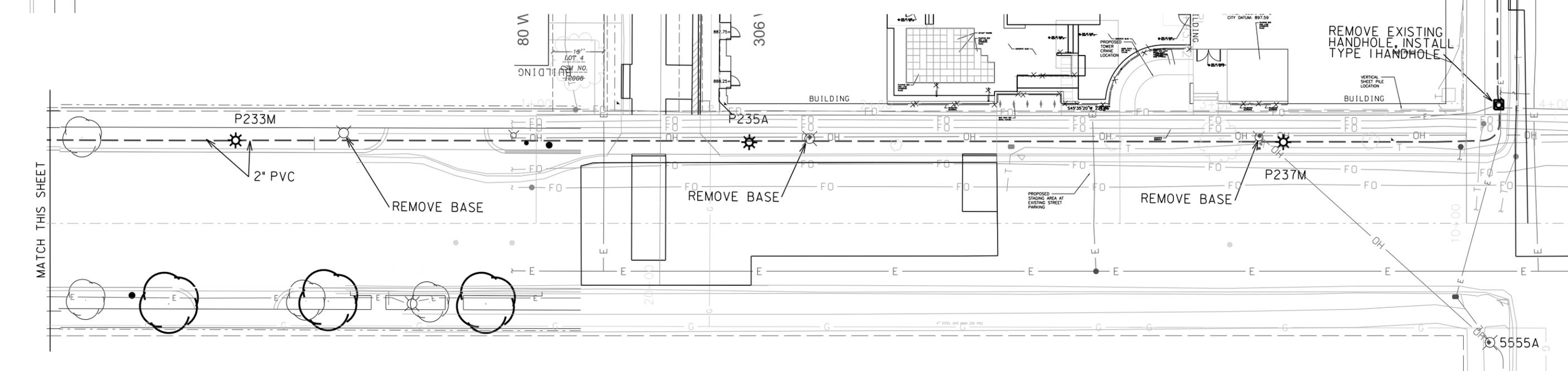
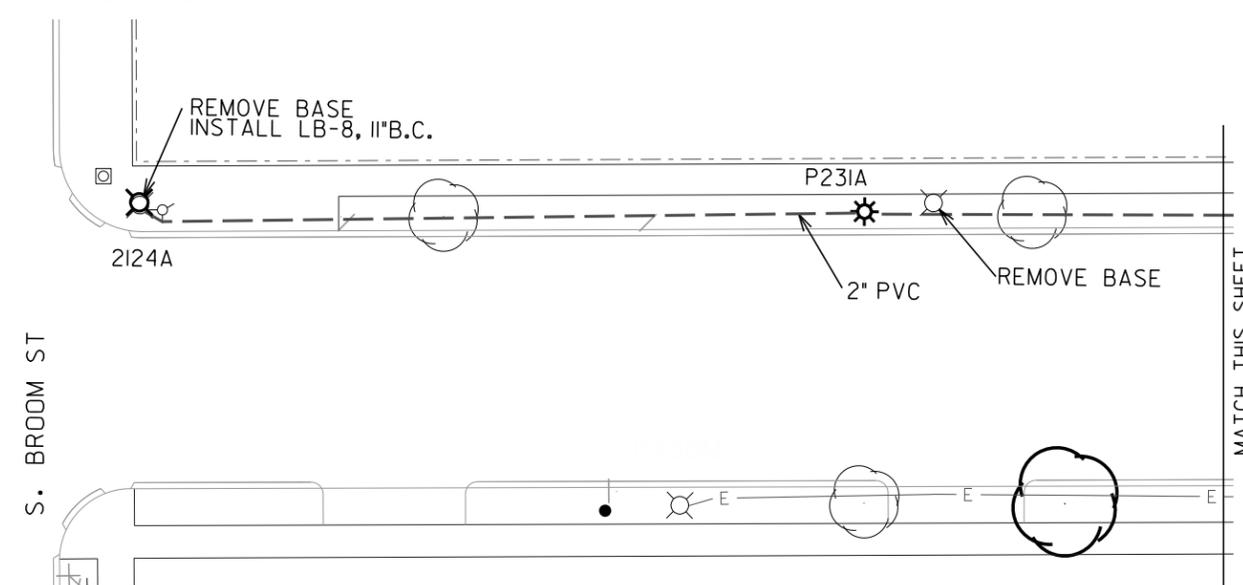
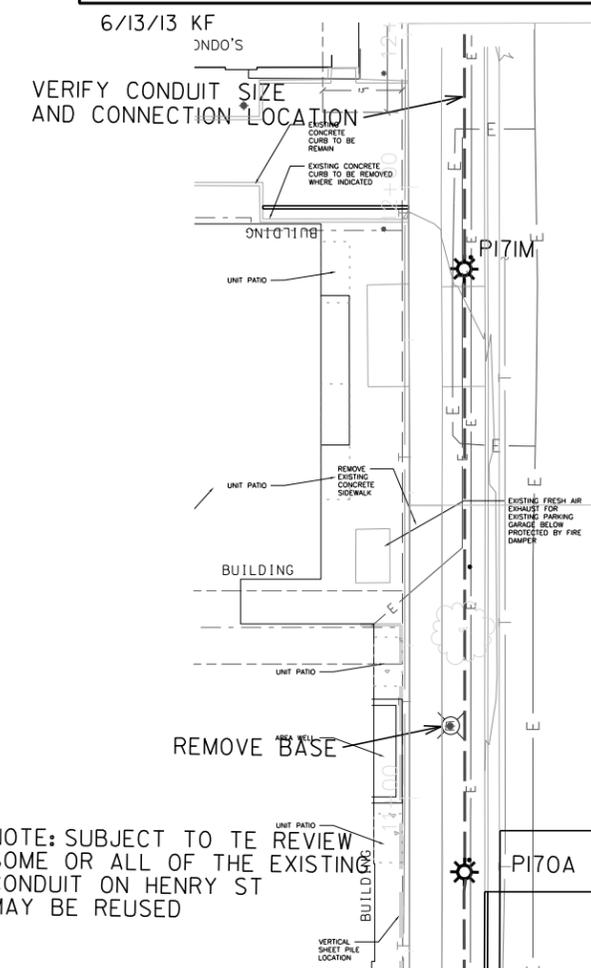
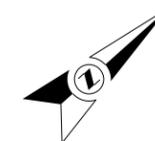
GENERAL ELECTRIC NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY DAN DETTMANN CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2013 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-9034 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:

- 3/4" x 24" ANCHOR BOLTS - 6 SETS OF 4
- 1-1/4" x 48" ANCHOR BOLTS - 1 SET OF 4
- TYPE I HANDHOLE - 1

LEGEND

- LB-1 BASE
- LB-8 BASE
- ELECTRICAL HANDHOLE TYPE I
- EXISTING HANDHOLE
- EXISTING STREETLIGHT
- 2" PVC, UNLESS NOTED



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.